

FIG. 1

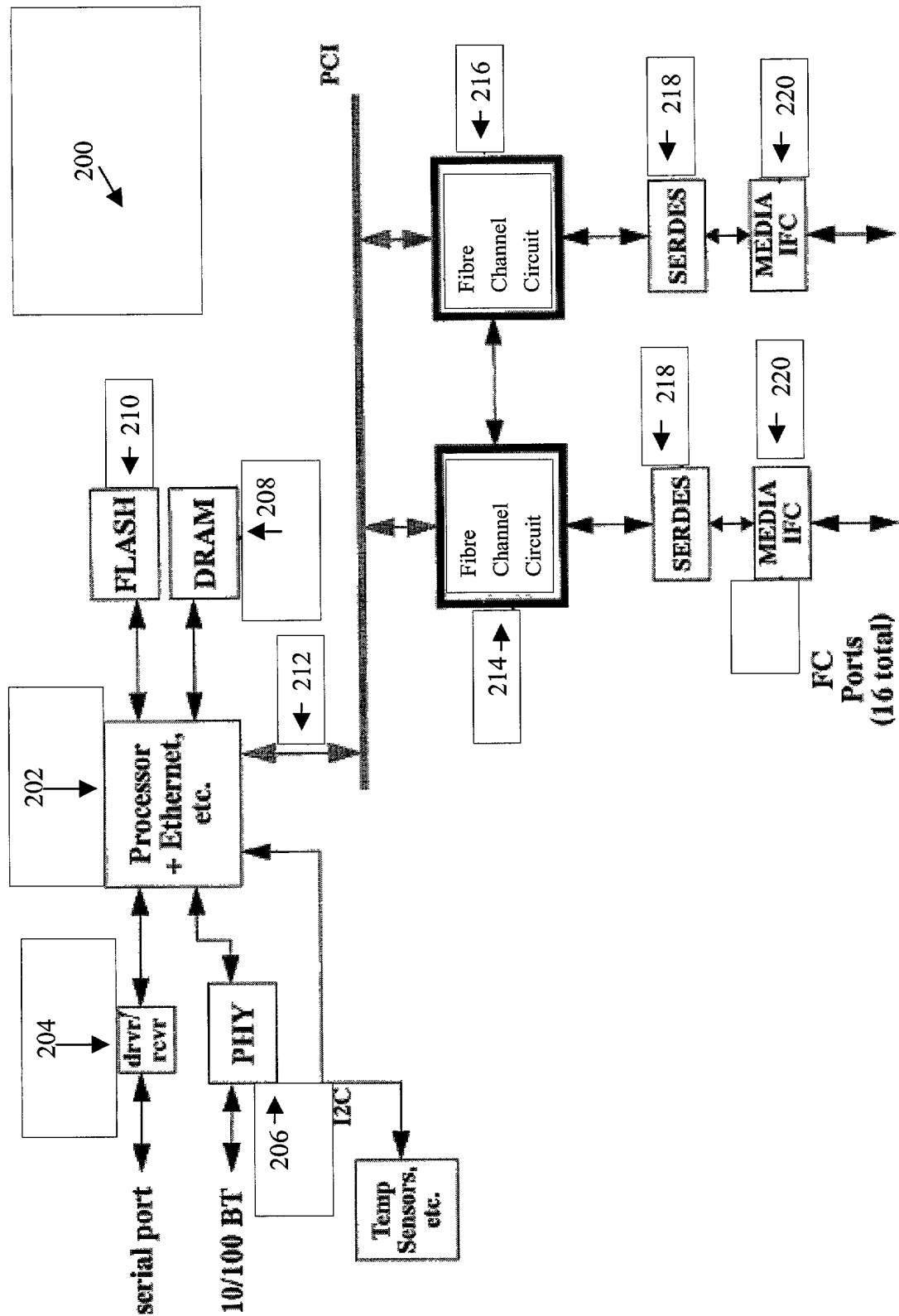


Figure 2

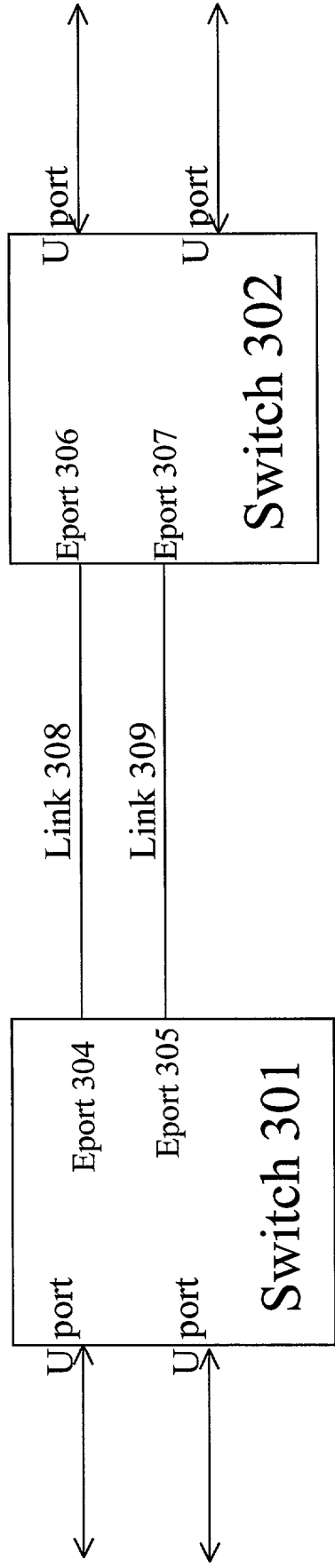


Figure 3

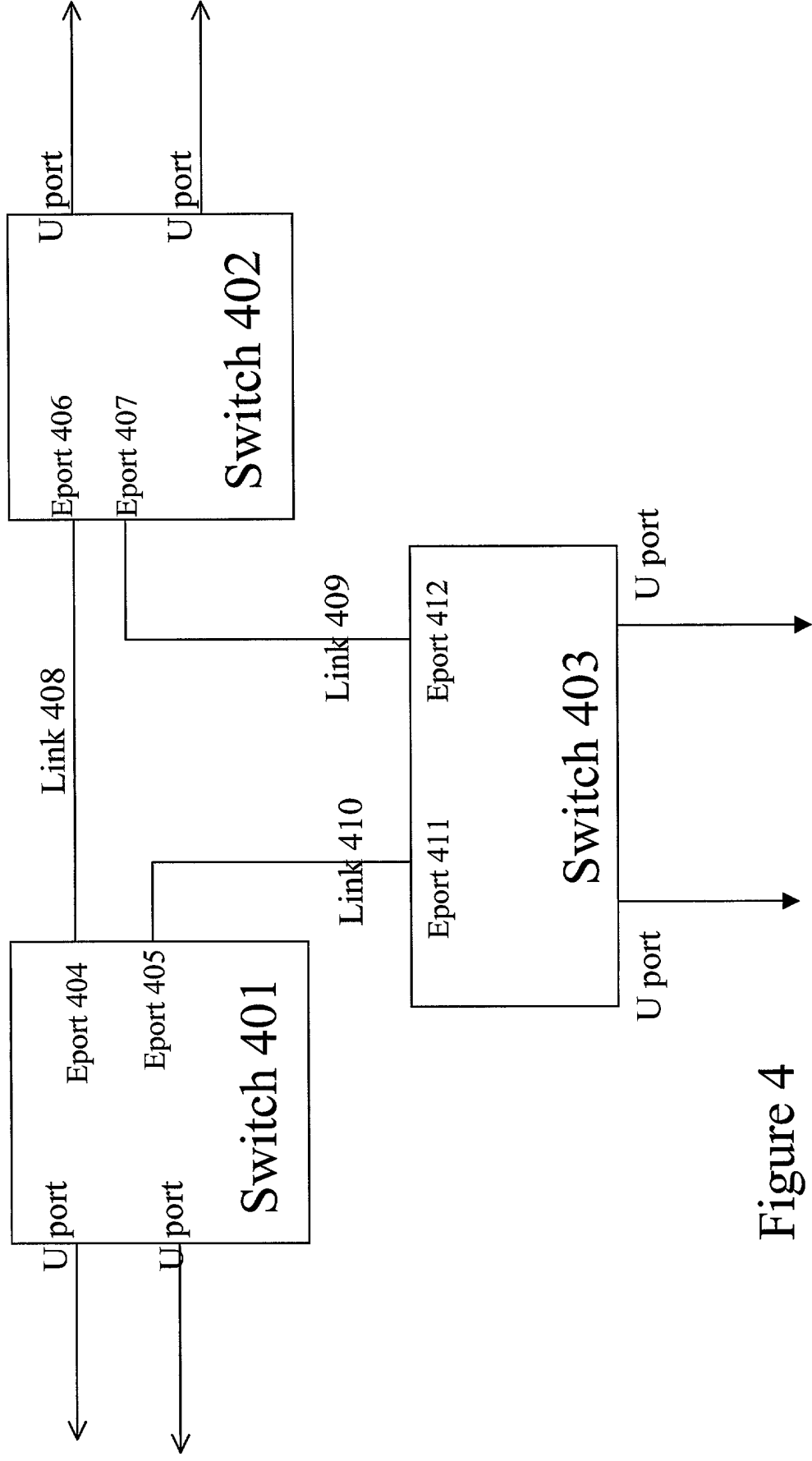


Figure 4

Figure 5a

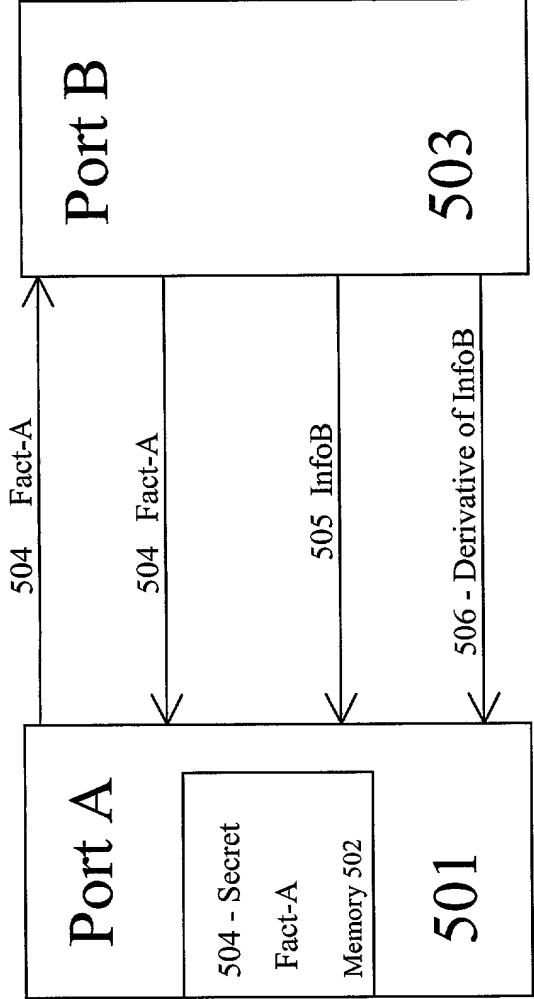
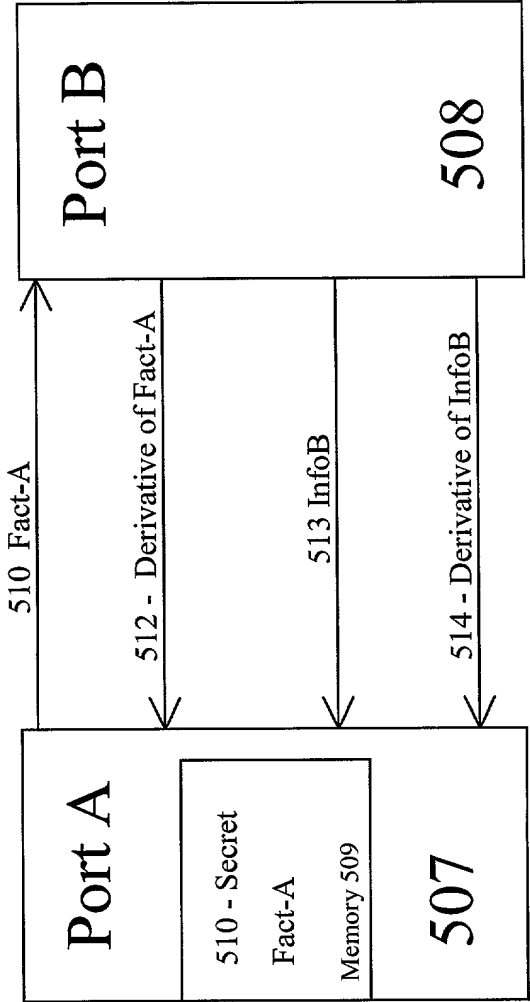


Figure 5b



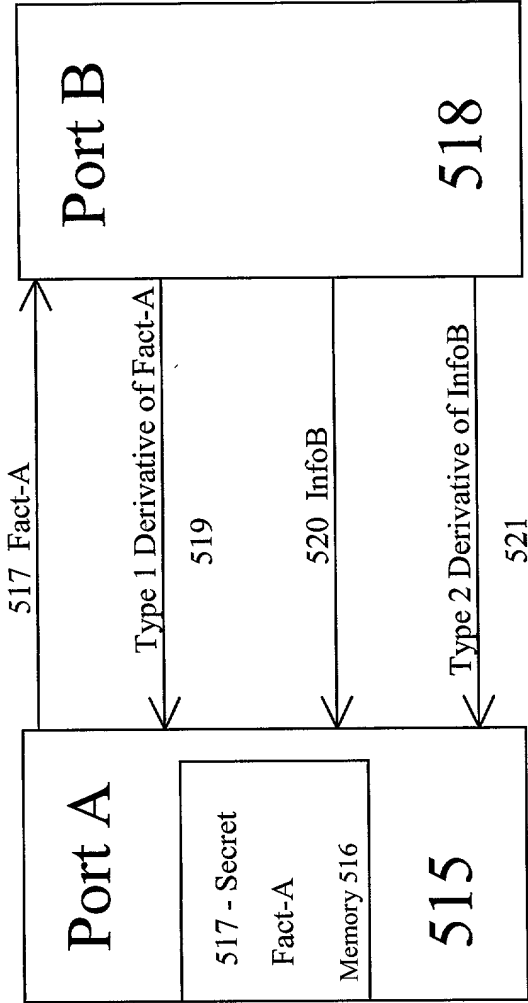


Figure 5c

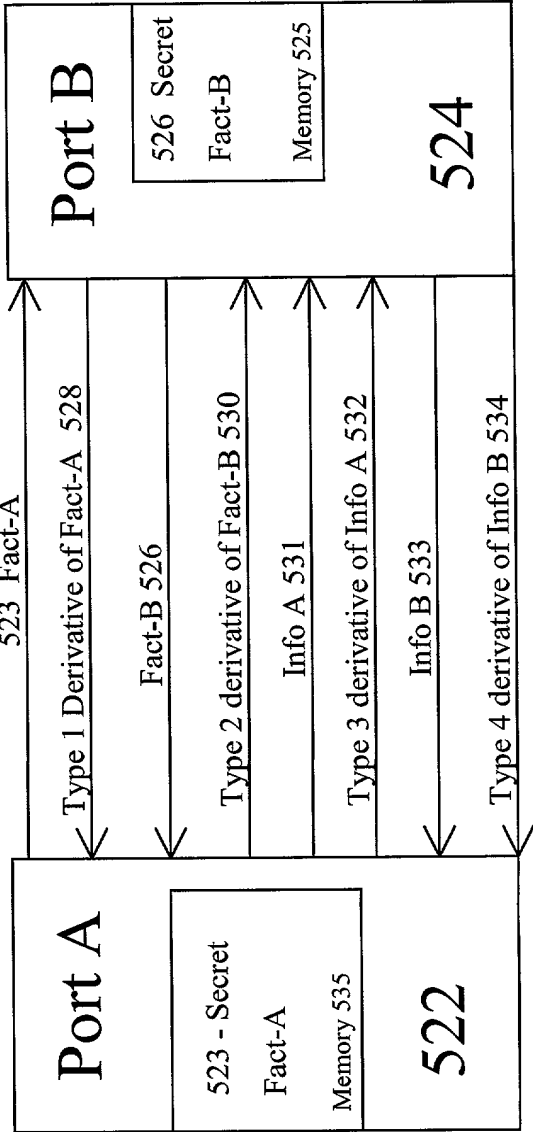


Figure 5d

Step #	Name / Function	Payload
1	Request Authentication	Secret Fact A
2	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
3	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

**Figure 6**

Step #	Name / Function	Payload
1	Request Authentication	Secret Fact A; InfoA; Type 3-4 derivateve of InfoA
2	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
3	Confirm Authentication	Type 2 derivative of Secret Fact B

Figure 7



Step #	Name / Function	Payload
1	Acknowledge Request	Secret Fact B; Type 1 derivative of Substitute Secret Fact A; InfoB; Type 3-4 derivative of Info B
2	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

Figure 8

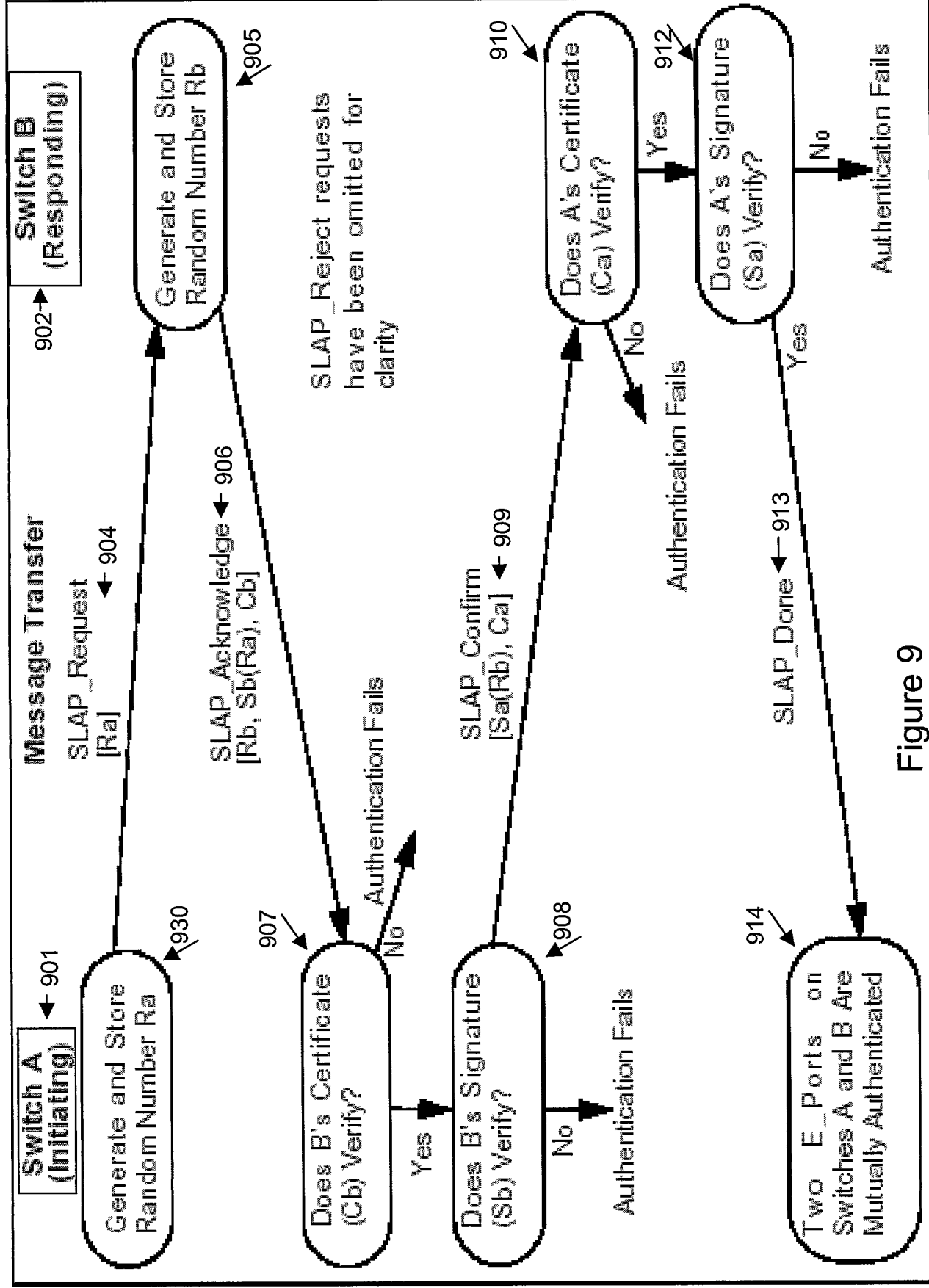


Figure 9

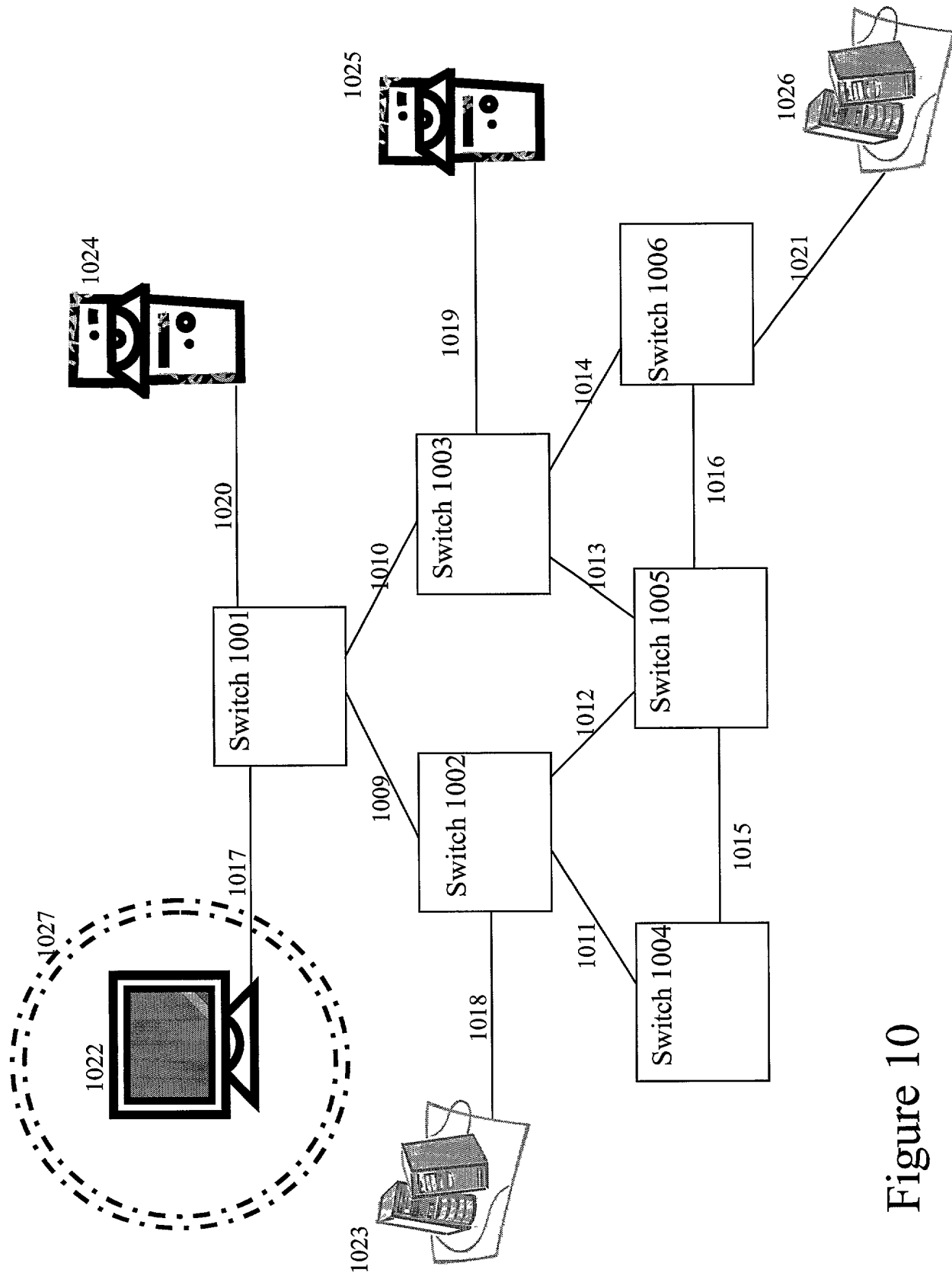


Figure 10

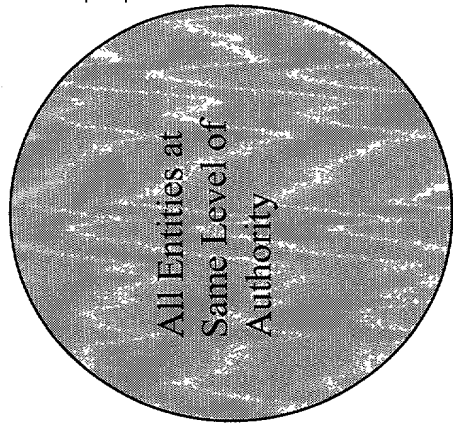


Figure 11a

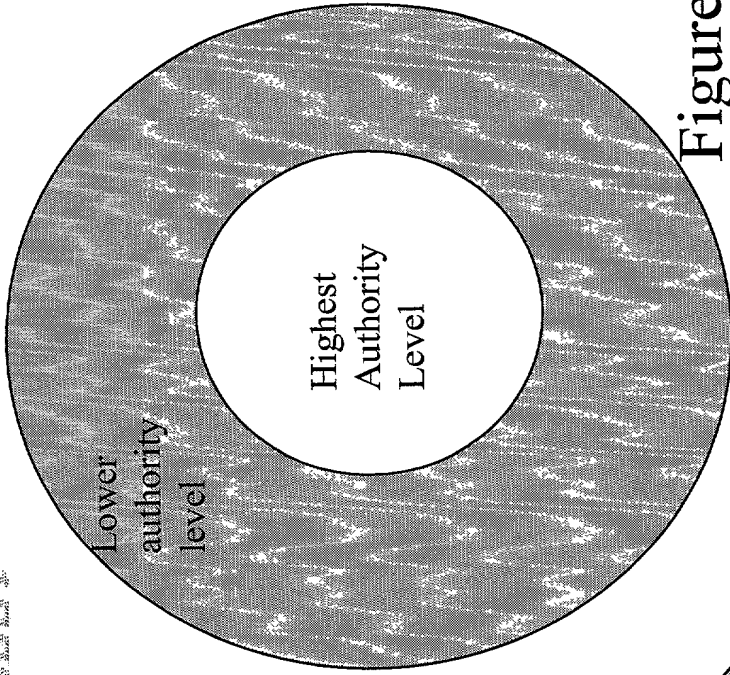


Figure 11b

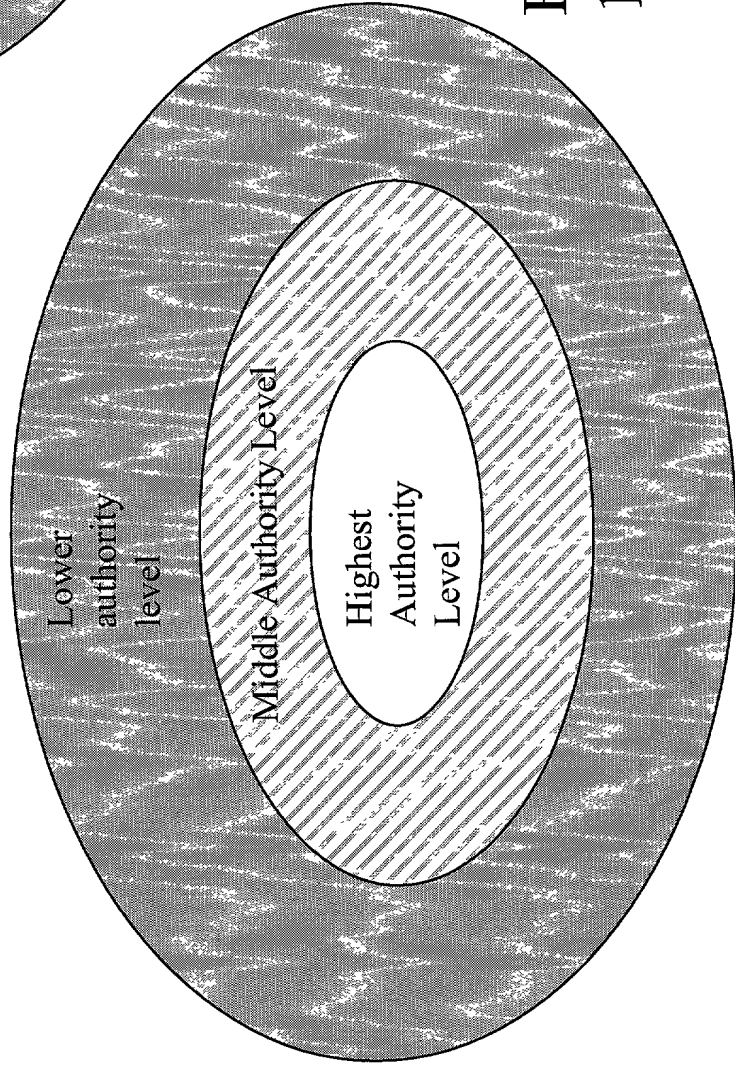


Figure 11c

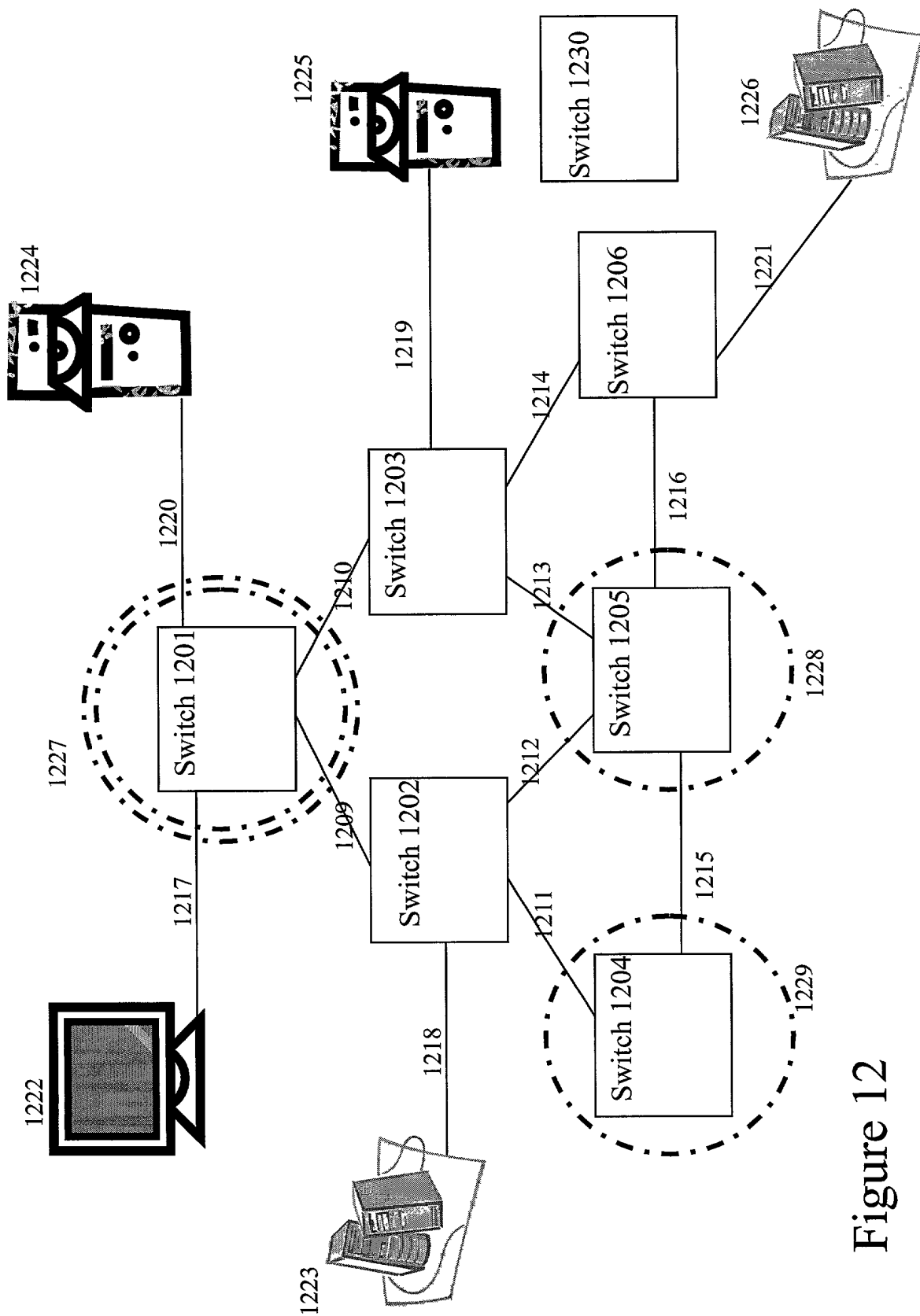


Figure 12

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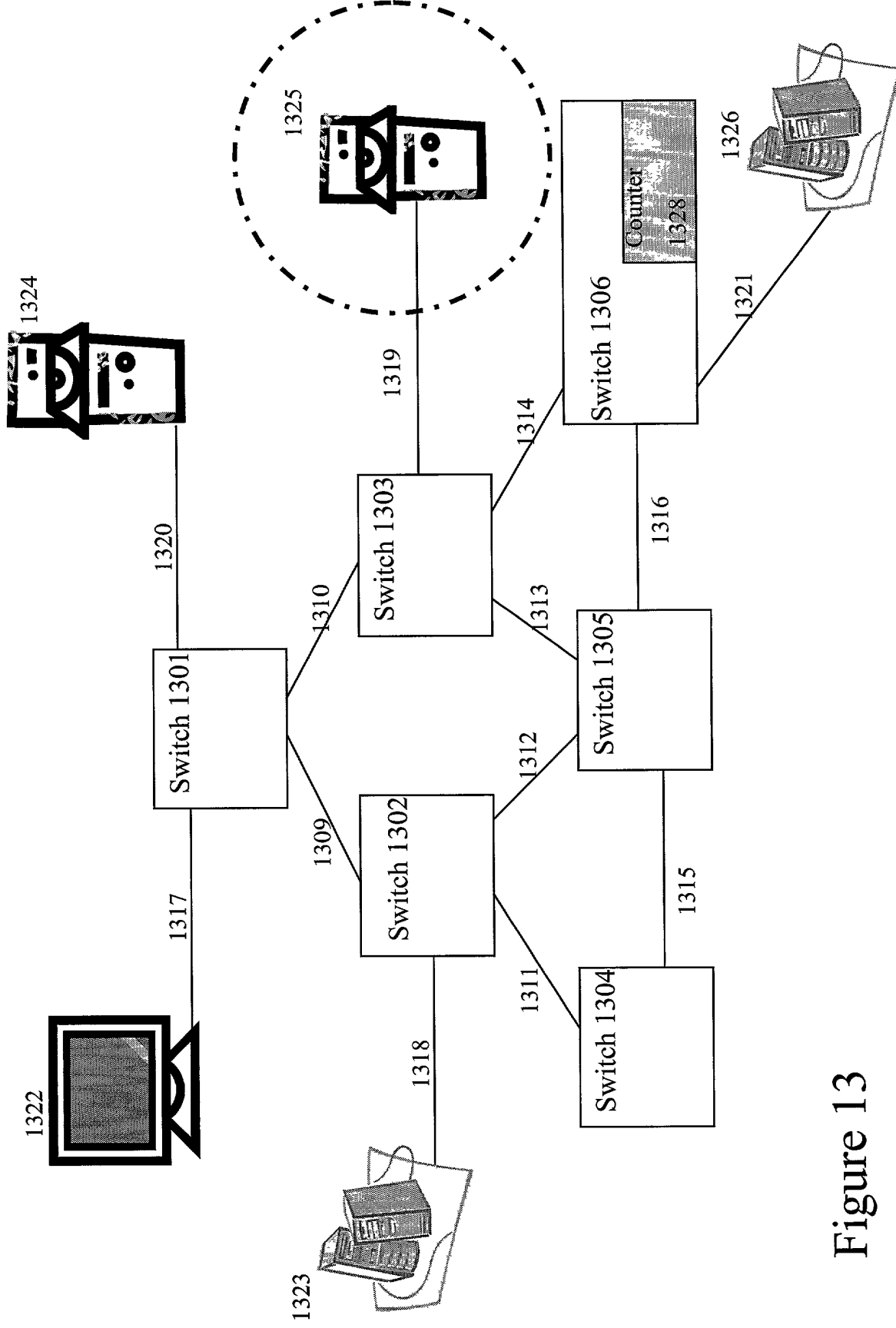


Figure 13

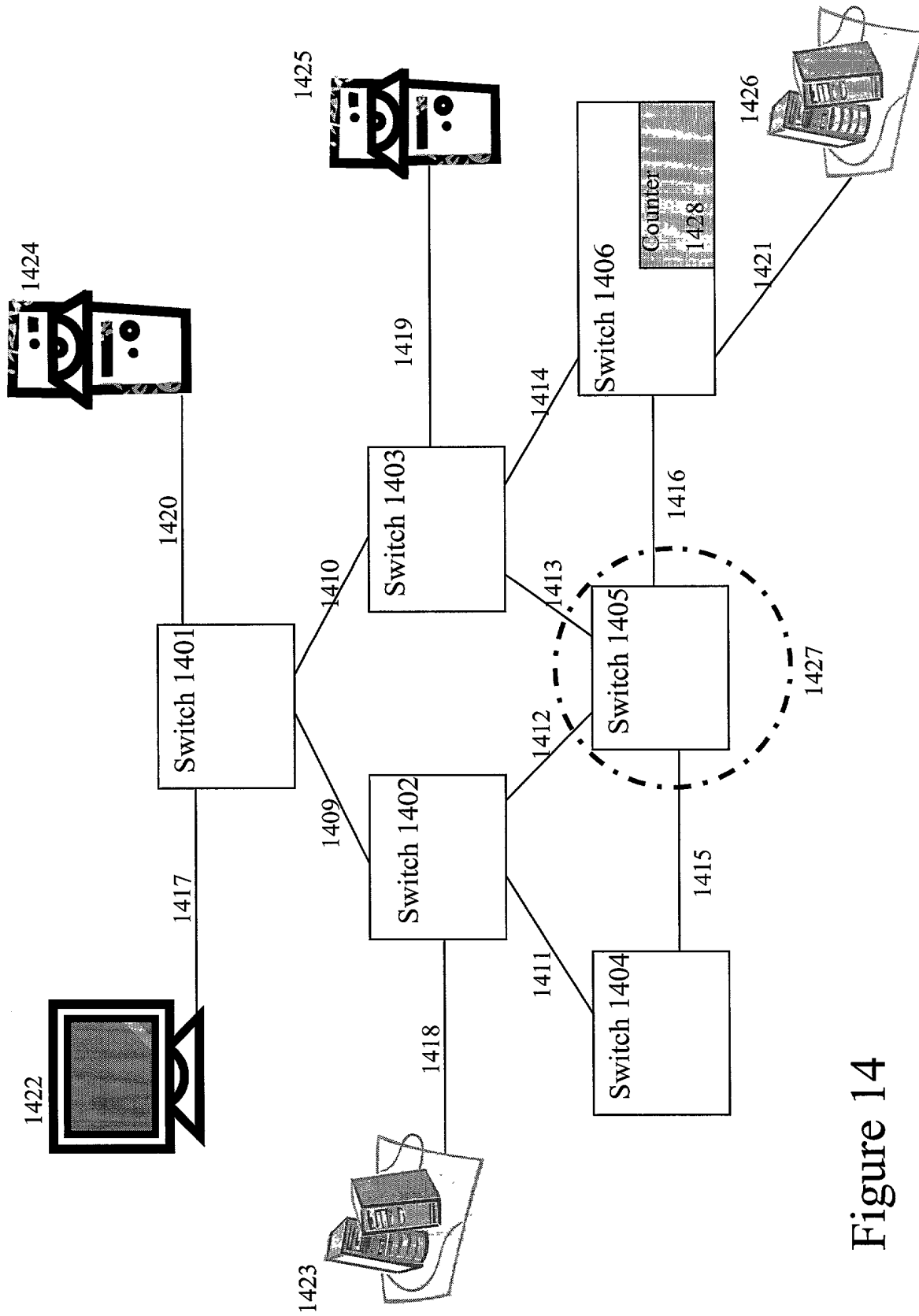


Figure 14

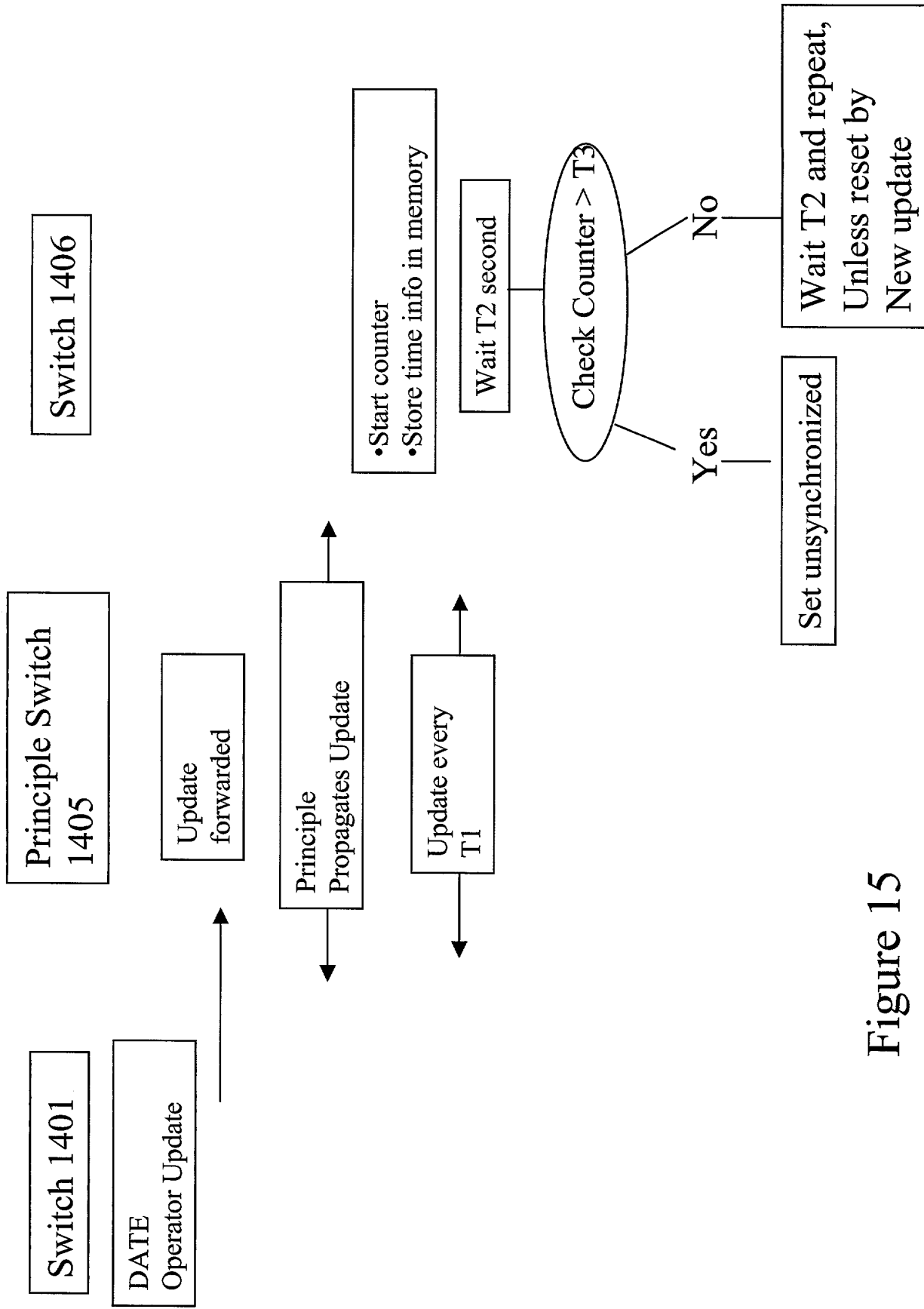


Figure 15



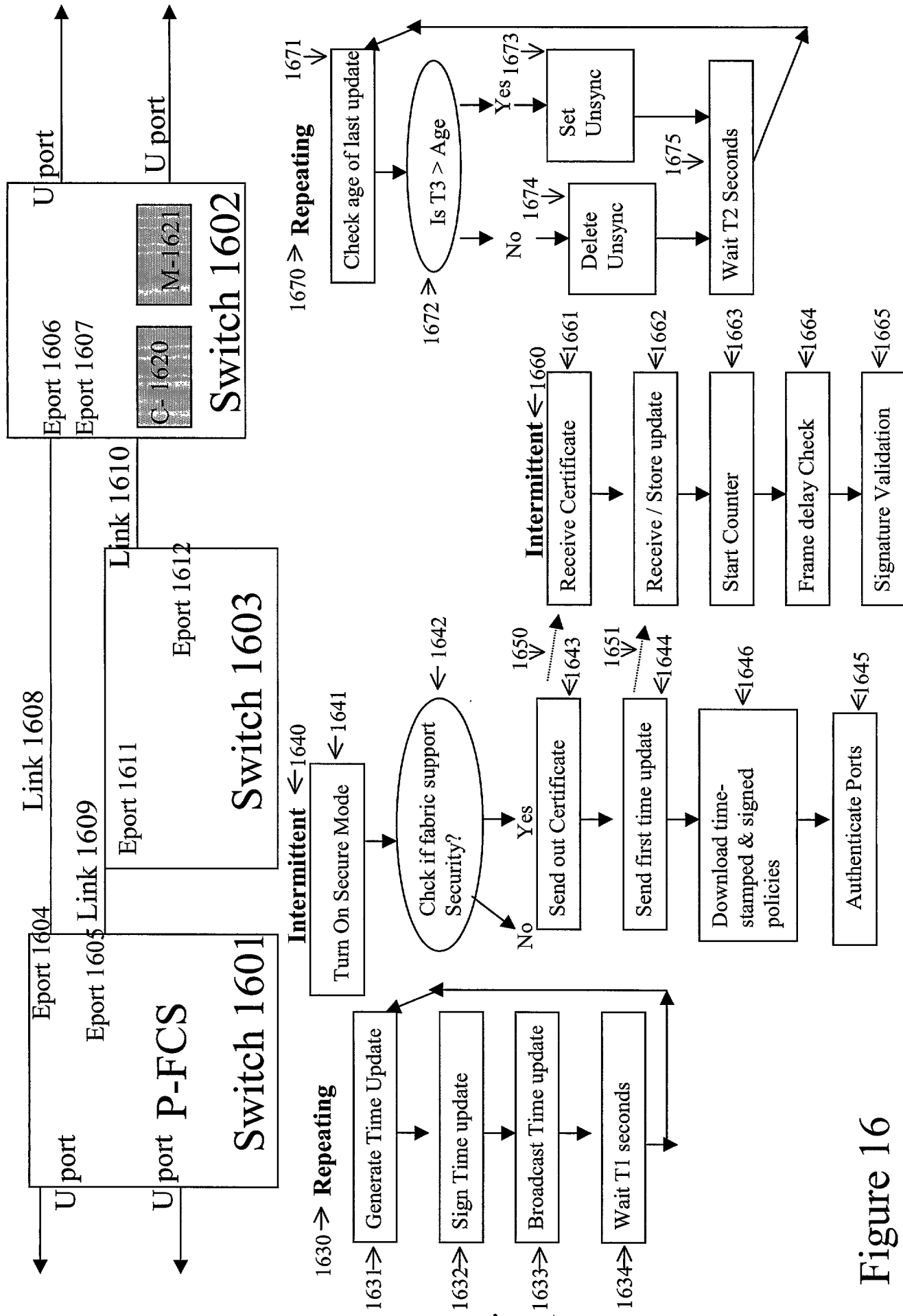


Figure 16